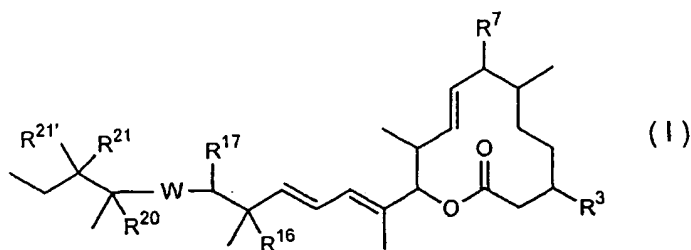
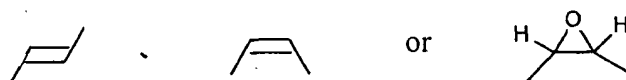


AMENDMENTS TO THE CLAIMS

1. (Original) A compound represented by the formula (I):



wherein W represents



and  $R^3$ ,  $R^7$ ,  $R^{16}$ ,  $R^{17}$ ,  $R^{20}$ ,  $R^{21}$  and  $R^{21'}$ , the same or different, independently represent

- 1) a hydrogen atom,
- 2) a hydroxyl group or oxo group, provided that the oxo group is limited to an oxo group formed by  $R^3$  or  $R^7$  in combination with a carbon atom to which  $R^3$  or  $R^7$  is bonded, and an oxo group formed by  $R^{21}$  and  $R^{21'}$  together in combination with the carbon atom to which  $R^{21}$  and  $R^{21'}$  are bonded,
- 3) a  $C_1$  to  $C_{22}$  alkoxy group which may have a substituent,
- 4) an unsaturated  $C_2$  to  $C_{22}$  alkoxy group which may have a substituent,
- 5) a  $C_7$  to  $C_{22}$  aralkyloxy group which may have a substituent,
- 6) a 5-membered to 14-membered heteroaralkyloxy group which may have a substituent,

7)  $RC(=Y)-O-$ , wherein Y represents an oxygen atom or sulfur atom, and R represents

- a) a hydrogen atom,
- b) a  $C_1$  to  $C_{22}$  alkyl group which may have a substituent,
- c) an unsaturated  $C_2$  to  $C_{22}$  alkyl group which may have a substituent,
- d) a  $C_6$  to  $C_{14}$  aryl group which may have a substituent,
- e) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- f) a  $C_7$  to  $C_{22}$  aralkyl group which may have a substituent,
- g) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,
- h) a  $C_1$  to  $C_{22}$  alkoxy group which may have a substituent,
- i) an unsaturated  $C_2$  to  $C_{22}$  alkoxy group which may have a substituent,
- j) a  $C_6$  to  $C_{14}$  aryloxy group which may have a substituent,
- k) a  $C_3$  to  $C_{14}$  cycloalkyl group which may have a substituent,
- l) a 3-membered to 14-membered non-aromatic heterocyclic group which may have a substituent or
- m) a 5-membered to 14-membered heteroaryloxy group which may have a substituent,

8)  $R^{S1}R^{S2}R^{S3}SiO-$ , wherein  $R^{S1}$ ,  $R^{S2}$  and  $R^{S3}$ , the same or different, independently represent

- a) a  $C_1$  to  $C_6$  alkyl group or
- b) a  $C_6$  to  $C_{14}$  aryl group,

9) a halogen atom,

10)  $R^{N1}R^{N2}N-R^M-$ , wherein  $R^M$  represents

- a) a single bond,
- b) -CO-O-,
- c) -SO<sub>2</sub>-O-,
- d) -CS-O- or
- e) -CO-NR<sup>N3</sup>-, wherein R<sup>N3</sup> represents a hydrogen atom or a C<sub>1</sub> to C<sub>6</sub> alkyl group

which may have a substituent, provided that, the leftmost bond in b) to e) is bonded to the nitrogen atom,

R<sup>N1</sup> and R<sup>N2</sup>, the same or different, independently represent

- a) a hydrogen atom,
- b) a C<sub>1</sub> to C<sub>22</sub> alkyl group which may have a substituent,
- c) an unsaturated C<sub>2</sub> to C<sub>22</sub> alkyl group which may have a substituent,
- d) an aliphatic C<sub>2</sub> to C<sub>22</sub> acyl group which may have a substituent,
- e) an aromatic C<sub>7</sub> to C<sub>15</sub> acyl group which may have a substituent,
- f) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,
- g) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- h) a C<sub>7</sub> to C<sub>22</sub> aralkyl group which may have a substituent,
- i) a C<sub>1</sub> to C<sub>22</sub> alkylsulfonyl group which may have a substituent,
- j) a C<sub>6</sub> to C<sub>14</sub> arylsulfonyl group which may have a substituent,
- k) a 3-membered to 14-membered non-aromatic heterocyclic group formed by

R<sup>N1</sup> and R<sup>N2</sup> together in combination with the nitrogen atom to which R<sup>N1</sup> and R<sup>N2</sup> are bonded, wherein the 3-membered to 14-membered non-aromatic heterocyclic group may have a substituent,

l) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,

m) a C<sub>3</sub> to C<sub>14</sub> cycloalkyl group which may have a substituent or

n) a 3-membered to 14-membered non-aromatic heterocyclic group which may have a substituent,

11) R<sup>N4</sup>SO<sub>2</sub>-O-, wherein R<sup>N4</sup> represents

a) a C<sub>1</sub> to C<sub>22</sub> alkyl group which may have a substituent,

b) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,

c) a C<sub>1</sub> to C<sub>22</sub> alkoxy group which may have a substituent,

d) an unsaturated C<sub>2</sub> to C<sub>22</sub> alkoxy group which may have a substituent,

e) a C<sub>6</sub> to C<sub>14</sub> aryloxy group which may have a substituent,

f) a 5-membered to 14-membered heteroaryloxy group which may have a substituent,

g) a C<sub>7</sub> to C<sub>22</sub> aralkyloxy group which may have a substituent or

h) a 5-membered to 14-membered heteroaralkyloxy group which may have a substituent,

12) (R<sup>N5</sup>O)<sub>2</sub>PO-O-, wherein R<sup>N5</sup> represents

a) a C<sub>1</sub> to C<sub>22</sub> alkyl group which may have a substituent,

b) an unsaturated C<sub>2</sub> to C<sub>22</sub> alkyl group which may have a substituent,

c) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,

d) a 5-membered to 14-membered heteroaryl group which may have a substituent,

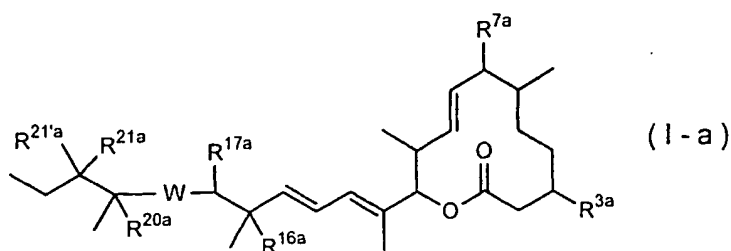
e) a C<sub>7</sub> to C<sub>22</sub> aralkyl group which may have a substituent or

f) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,

13)  $(R^{N1}R^{N2}N)_2PO-O-$ , wherein  $R^{N1}$  and  $R^{N2}$  are the same as defined above or

14)  $(R^{N1}R^{N2}N)(R^{N5}O)PO-O-$ , wherein  $R^{N1}$ ,  $R^{N2}$  and  $R^{N5}$  are the same as defined above; a pharmacologically acceptable salt thereof, or a hydrate of those.

2. (Original) The compound according to claim 1 represented by the formula (I-a):



wherein W is the same as defined above, and  $R^{3a}$ ,  $R^{7a}$ ,  $R^{16a}$ ,  $R^{17a}$ ,  $R^{20a}$ ,  $R^{21a}$  and  $R^{21a'}$ , the same or different, independently represent

1) a hydrogen atom,

2) a hydroxyl group or oxo group, provided that the oxo group is limited to an oxo group formed by  $R^{3a}$  or  $R^{7a}$  in combination with the carbon atom to which  $R^{3a}$  or  $R^{7a}$  is bonded, and an oxo group formed by  $R^{21a}$  and  $R^{21a'}$  together in combination with a carbon atom to which  $R^{21a}$  and  $R^{21a'}$  are bonded,

3) a  $C_1$  to  $C_{22}$  alkoxy group which may have a substituent,

4)  $R^aC(=Y^a)-O-$ , wherein  $Y^a$  represents an oxygen atom or sulfur atom, and  $R^a$  represents

- a) a hydrogen atom,
  - b) a C<sub>1</sub> to C<sub>22</sub> alkyl group which may have a substituent,
  - c) an unsaturated C<sub>2</sub> to C<sub>22</sub> alkyl group which may have a substituent,
  - d) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,
  - e) a 5-membered to 14-membered heteroaryl group which may have a substituent,
  - f) a C<sub>7</sub> to C<sub>22</sub> aralkyl group which may have a substituent,
  - g) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,
  - h) a C<sub>1</sub> to C<sub>22</sub> alkoxy group which may have a substituent,
  - i) an unsaturated C<sub>2</sub> to C<sub>22</sub> alkoxy group which may have a substituent,
  - j) a C<sub>6</sub> to C<sub>14</sub> aryloxy group which may have a substituent,
  - k) a C<sub>3</sub> to C<sub>14</sub> cycloalkyl group which may have a substituent,
  - l) a 3-membered to 14-membered non-aromatic heterocyclic group which may have a substituent or
  - m) a 5-membered to 14-membered heteroaryloxy group which may have a substituent,
- 5) R<sup>aS1</sup>R<sup>aS2</sup>R<sup>aS3</sup>SiO-, wherein R<sup>aS1</sup>, R<sup>aS2</sup> and R<sup>aS3</sup>, the same or different, independently represent
- a) a C<sub>1</sub> to C<sub>6</sub> alkyl group or
  - b) a C<sub>6</sub> to C<sub>14</sub> aryl group or
- 6) R<sup>aN1</sup>R<sup>aN2</sup>N-R<sup>aM</sup>-, wherein R<sup>aM</sup> represents
- a) -CO-O- or
  - b) -CS-O-, provided that, in the leftmost bond a) or b) is bonded to the nitrogen

atom, and

$R^{aN1}$  and  $R^{aN2}$ , the same or different, independently represent

- a) a hydrogen atom,
- b) a  $C_1$  to  $C_{22}$  alkyl group which may have a substituent,
- c) an unsaturated  $C_2$  to  $C_{22}$  alkyl group which may have a substituent,
- d) an aliphatic  $C_2$  to  $C_{22}$  acyl group which may have a substituent,
- e) an aromatic  $C_7$  to  $C_{15}$  acyl group which may have a substituent,
- f) a  $C_6$  to  $C_{14}$  aryl group which may have a substituent,
- g) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- h) a  $C_7$  to  $C_{22}$  aralkyl group which may have a substituent,
- i) a  $C_1$  to  $C_{22}$  alkylsulfonyl group which may have a substituent,
- j) a  $C_6$  to  $C_{14}$  arylsulfonyl group which may have a substituent,
- k) a 3-membered to 14-membered non-aromatic heterocyclic group formed by

$R^{aN1}$  and  $R^{aN2}$  together in combination with the nitrogen atom to which  $R^{aN1}$  and  $R^{aN2}$  are

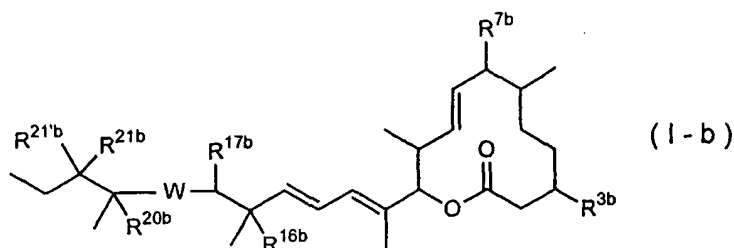
bonded, wherein the 3-membered to 14-membered non-aromatic heterocyclic group may have a substituent,

l) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,

m) a  $C_3$  to  $C_{14}$  cycloalkyl group which may have a substituent or

n) a 3-membered to 14-membered non-aromatic heterocyclic group which may have a substituent; a pharmacologically acceptable salt thereof, or a hydrate of those.

3. (Original) The compound according to claim 1 represented by the formula (I-b):



wherein W is the same as defined above, and  $R^{3b}$ ,  $R^{7b}$ ,  $R^{16b}$ ,  $R^{17b}$ ,  $R^{20b}$ ,  $R^{21b}$  and  $R^{21b'}$ , the same or different, independently represent

- 1) a hydrogen atom,
- 2) a hydroxyl group or oxo group, provided that the oxo group is limited to an oxo group formed by  $R^{3b}$  or  $R^{7b}$  in combination with the carbon atom to which  $R^{3b}$  or  $R^{7b}$  is bonded, and an oxo group formed by  $R^{21b}$  and  $R^{21b'}$  together in combination with the carbon atom to which  $R^{21b}$  and  $R^{21b'}$  are bonded,
- 3) a  $C_1$  to  $C_{22}$  alkoxy group which may have a substituent,
- 4)  $R^bC(=O)-O-$ , wherein  $R^b$  represents
  - a) a  $C_1$  to  $C_{22}$  alkyl group which may have a substituent,
  - b) an unsaturated  $C_2$  to  $C_{22}$  alkyl group which may have a substituent,
  - c) a  $C_7$  to  $C_{22}$  aralkyl group which may have a substituent,
  - d) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,
  - e) a  $C_6$  to  $C_{14}$  aryloxy group which may have a substituent,
  - f) a  $C_3$  to  $C_{14}$  cycloalkyl group which may have a substituent or



g) a 3-membered to 14-membered non-aromatic heterocyclic group which may have a substituent,

5)  $R^{bS1}R^{bS2}R^{bS3}SiO-$ , wherein  $R^{bS1}$ ,  $R^{bS2}$  and  $R^{bS3}$ , the same or different, independently represent

a) a  $C_1$  to  $C_6$  alkyl group or

b) a  $C_6$  to  $C_{14}$  aryl group or

6)  $R^{bN1}R^{bN2}N-R^{bM}-$ , wherein  $R^{bM}$  represents

a)  $-CO-O-$  or

b)  $-CS-O-$ , provided that, the leftmost bond in a) or b) is bonded to the nitrogen

atom, and

$R^{bN1}$  and  $R^{bN2}$ , the same or different, independently represent

a) a hydrogen atom,

b) a  $C_1$  to  $C_{22}$  alkyl group which may have a substituent,

c) a 3-membered to 14-membered non-aromatic heterocyclic group formed by

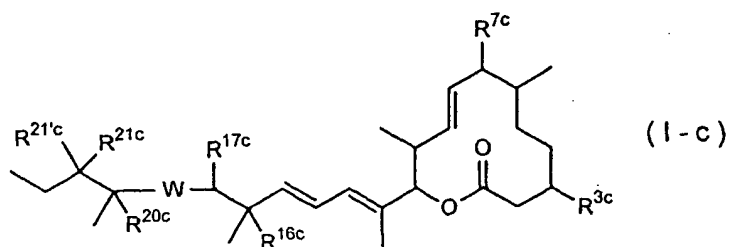
$R^{bN1}$  and  $R^{bN2}$  together in combination with the nitrogen atom to which  $R^{bN1}$  and  $R^{bN2}$  are

bonded, wherein the 3-membered to 14-membered non-aromatic heterocyclic group may have a substituent,

d) a  $C_3$  to  $C_{14}$  cycloalkyl group which may have a substituent or

e) a 3-membered to 14-membered non-aromatic heterocyclic group which may have a substituent; a pharmacologically acceptable salt thereof, or a hydrate of those.

4. (Original) The compound according to claim 1 represented by the formula (I-c):



wherein W is the same as defined above, and  $R^{3c}$ ,  $R^{7c}$ ,  $R^{16c}$ ,  $R^{17c}$ ,  $R^{20c}$ ,  $R^{21c}$  and  $R^{21'c}$ , the same or different, independently represent

- 1) a hydrogen atom,
- 2) a hydroxyl group or oxo group, provided that the oxo group is limited to an oxo group formed by  $R^{3c}$  or  $R^{7c}$  in combination with the carbon atom to which  $R^{3c}$  or  $R^{7c}$  is bonded, and an oxo group formed by  $R^{21c}$  and  $R^{21'c}$  together in combination with the carbon atom to which  $R^{21c}$  and  $R^{21'c}$  are bonded,
- 3)  $R^cC(=O)-O-$ , wherein  $R^c$  represents a  $C_1$  to  $C_{22}$  alkyl group which may have a substituent,
- 4)  $R^{cS1}R^{cS2}R^{cS3}SiO-$ , wherein  $R^{cS1}$ ,  $R^{cS2}$  and  $R^{cS3}$ , the same or different, independently represent
  - a) a  $C_1$  to  $C_6$  alkyl group or
  - b) a  $C_6$  to  $C_{14}$  aryl group or
- 5)  $R^{cN1}R^{cN2}N-R^{cM}-$ , wherein  $R^{cM}$  represents  $-CO-O-$ , provided that the leftmost bond is bonded to the nitrogen atom, and

$R^{cN1}$  and  $R^{cN2}$ , the same or different, independently represent

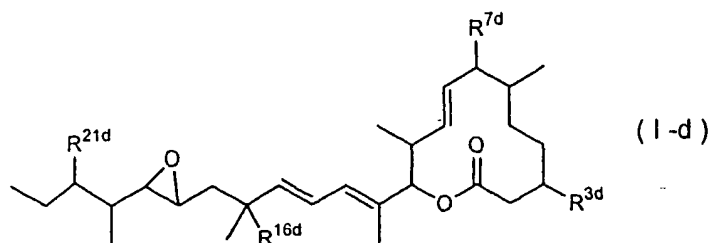
- a) a hydrogen atom,
- b) a  $C_1$  to  $C_{22}$  alkyl group which may have a substituent,
- c) a 3-membered to 14-membered non-aromatic heterocyclic group formed by

$R^{cN1}$  and  $R^{cN2}$  together in combination with the nitrogen atom to which  $R^{cN1}$  and  $R^{cN2}$  are bonded, wherein the 3-membered to 14-membered non-aromatic heterocyclic group may have a substituent,

d) a  $C_3$  to  $C_{14}$  cycloalkyl group which may have a substituent or

e) a 3-membered to 14-membered non-aromatic heterocyclic group which may have a substituent; a pharmacologically acceptable salt thereof, or a hydrate of those.

5. (Original) The compound according to claim 1 represented by the formula (I-d):



wherein  $R^{3d}$  and  $R^{16d}$ , the same or different, independently represent

- 1) a hydroxyl group,
- 2) a  $C_1$  to  $C_{22}$  alkoxy group which may have a substituent,
- 3) an unsaturated  $C_2$  to  $C_{22}$  alkoxy group which may have a substituent,
- 4) a  $C_7$  to  $C_{22}$  aralkyloxy group which may have a substituent,
- 5)  $R^dC(=O)-O-$ , wherein  $R^d$  represents
  - a) a hydrogen atom,
  - b) a  $C_1$  to  $C_{22}$  alkyl group which may have a substituent,
  - c) an unsaturated  $C_2$  to  $C_{22}$  alkyl group which may have a substituent,

- d) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,
  - e) a 5-membered to 14-membered heteroaryl group which may have a substituent,
  - f) a C<sub>7</sub> to C<sub>22</sub> aralkyl group which may have a substituent,
  - g) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,
  - h) a C<sub>1</sub> to C<sub>22</sub> alkoxy group which may have a substituent,
  - i) an unsaturated C<sub>2</sub> to C<sub>22</sub> alkoxy group which may have a substituent,
  - j) a C<sub>6</sub> to C<sub>14</sub> aryloxy group which may have a substituent or
  - k) a 5-membered to 14-membered heteroaryloxy group which may have a substituent or
- 6) R<sup>dN1</sup>R<sup>dN2</sup>N-CO-O-, wherein R<sup>dN1</sup> and R<sup>dN2</sup>, the same or different, independently represent
- a) a hydrogen atom,
  - b) a C<sub>1</sub> to C<sub>22</sub> alkyl group which may have a substituent,
  - c) an unsaturated C<sub>2</sub> to C<sub>22</sub> alkyl group which may have a substituent,
  - d) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,
  - e) a 5-membered to 14-membered heteroaryl group which may have a substituent,
  - f) a C<sub>7</sub> to C<sub>22</sub> aralkyl group which may have a substituent,
  - g) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,
  - h) a C<sub>3</sub> to C<sub>14</sub> cycloalkyl group which may have a substituent,
  - i) a 3-membered to 14-membered non-aromatic heterocyclic group which may have a substituent or

j) a 3-membered to 14-membered non-aromatic heterocyclic group formed by  $R^{dN1}$  and  $R^{dN2}$  together in combination with the nitrogen atom to which  $R^{dN1}$  and  $R^{dN2}$  are bonded, wherein the 3-membered to 14-membered non-aromatic heterocyclic group may have a substituent, and

$R^{7d}$  and  $R^{21d}$ , the same or different, independently represent

- 1) a hydroxyl group,
- 2) a  $C_1$  to  $C_{22}$  alkoxy group which may have a substituent,
- 3) an unsaturated  $C_2$  to  $C_{22}$  alkoxy group which may have a substituent,
- 4) a  $C_7$  to  $C_{22}$  aralkyloxy group which may have a substituent,
- 5)  $R^dC(=O)-O-$ , wherein  $R^d$  is the same as defined above,
- 6)  $R^{dN1}R^{dN2}N-CO-O-$ , wherein  $R^{dN1}$  and  $R^{dN2}$  are the same as defined above,
- 7)  $R^{dN1}R^{dN2}N-SO_2-O-$ , wherein  $R^{dN1}$  and  $R^{dN2}$  are the same as defined above,
- 8)  $R^{dN1}R^{dN2}N-CS-O-$ , wherein  $R^{dN1}$  and  $R^{dN2}$  are the same as defined above,
- 9)  $R^{dN4}-SO_2-O-$ , wherein  $R^{dN4}$  represents
  - a) a  $C_1$  to  $C_{22}$  alkyl group which may have a substituent,
  - b) a  $C_6$  to  $C_{14}$  aryl group which may have a substituent,
  - c) a  $C_1$  to  $C_{22}$  alkoxy group which may have a substituent,
  - d) an unsaturated  $C_2$  to  $C_{22}$  alkoxy group which may have a substituent,
  - e) a  $C_6$  to  $C_{14}$  aryloxy group which may have a substituent,
  - f) a 5-membered to 14-membered heteroaryloxy group which may have a substituent,
  - g) a  $C_7$  to  $C_{22}$  aralkyloxy group which may have a substituent or

h) a 5-membered to 14-membered heteroaralkyloxy group which may have a substituent,

10)  $(R^{dN5}O)_2PO-O-$ , wherein  $R^{dN5}$  represents

- a) a  $C_1$  to  $C_{22}$  alkyl group which may have a substituent,
- b) an unsaturated  $C_2$  to  $C_{22}$  alkyl group which may have a substituent,
- c) a  $C_6$  to  $C_{14}$  aryl group which may have a substituent,
- d) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- e) a  $C_7$  to  $C_{22}$  aralkyl group which may have a substituent or
- f) a 5-membered to 14-membered heteroaralkyl group which may have a

substituent,

11)  $(R^{dN1}R^{dN2}N)_2PO-O-$ , wherein  $R^{dN1}$  and  $R^{dN2}$  are the same as defined above or

12)  $(R^{dN1}R^{dN2}N)(R^{dN5}O)PO-O-$ , wherein  $R^{dN1}$ ,  $R^{dN2}$  and  $R^{dN5}$  are the same as defined above; a pharmacologically acceptable salt thereof, or a hydrate of those.

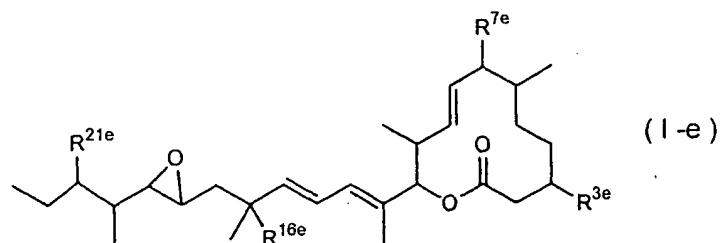
6. (Original) The compound according to claim 1, wherein  $R^7$  and/or  $R^{21}$  are independently represented by  $RC(=Y)-O-$ , wherein Y and R are the same as defined above or  $R^{N1}R^{N2}N-R^{M'}$ , wherein  $R^{M'}$  represents

- a)  $-CO-O-$  or
- b)  $-CS-O-$ , provided that, the leftmost bond in a) or b) is bonded to the nitrogen

atom, and

$R^{N1}$  and  $R^{N2}$  are the same as defined above; a pharmacologically acceptable salt thereof, or a hydrate of those.

7. (Original) The compound according to claim 5 represented by the formula (I-e):



wherein  $R^{3e}$ ,  $R^{16e}$  and  $R^{21e}$ , the same or different, independently represent

- 1) a hydroxyl group,
- 2) a  $C_1$  to  $C_{22}$  alkoxy group which may have a substituent,
- 3) an unsaturated  $C_2$  to  $C_{22}$  alkoxy group which may have a substituent,
- 4) a  $C_7$  to  $C_{22}$  aralkyloxy group which may have a substituent,
- 5) an aliphatic  $C_2$  to  $C_6$  acyl group which may have a substituent or
- 6)  $R^{eN1}R^{eN2}N-CO-O-$ , wherein  $R^{eN1}$  and  $R^{eN2}$  independently represent

a) a hydrogen atom or

b) a  $C_1$  to  $C_6$  alkyl group which may have a substituent, and

$R^{7e}$  represents  $R^e-C(=Y^e)-O-$ , wherein  $Y^e$  represents an oxygen atom or sulfur atom, and  $R^e$ , the same or different, represents

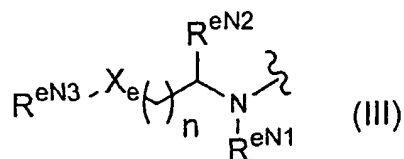
a) a hydrogen atom,

b) a  $C_1$  to  $C_{22}$  alkyl group which may have a substituent,

c) a  $C_6$  to  $C_{14}$  aryl group which may have a substituent,

d) a 5-membered to 14-membered heteroaryl group which may have a substituent,

- e) a C<sub>7</sub> to C<sub>10</sub> aralkyl group which may have a substituent,
- f) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,
- g) a 3-membered to 14-membered non-aromatic heterocyclic group which may have a substituent
- h) a group of the formula (III):



wherein A) n represents an integer of 0 to 4,

X<sub>e</sub> represents

- i) -CHR<sup>eN4</sup>-,
- ii) -NR<sup>eN5</sup>-,
- iii) -O-,
- iv) -S-,
- v) -SO- or
- vi) -SO<sub>2</sub>-,

R<sup>eN1</sup> represents

- i) a hydrogen atom or
- ii) a C<sub>1</sub> to C<sub>6</sub> alkyl group which may have a substituent,

R<sup>eN2</sup> represents



i) a hydrogen atom or

ii) a C<sub>1</sub> to C<sub>6</sub> alkyl group which may have a substituent,

R<sup>eN3</sup> and R<sup>eN4</sup>, the same or different, independently represent

i) a hydrogen atom,

ii) a C<sub>1</sub> to C<sub>6</sub> alkyl group which may have a substituent,

iii) an unsaturated C<sub>2</sub> to C<sub>10</sub> alkyl group which may have a substituent,

iv) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,

v) a 5-membered to 14-membered heteroaryl group which may have a substituent,

vi) a C<sub>7</sub> to C<sub>10</sub> aralkyl group which may have a substituent,

vii) a C<sub>3</sub> to C<sub>8</sub> cycloalkyl group which may have a substituent,

viii) a C<sub>4</sub> to C<sub>9</sub> cycloalkylalkyl group which may have a substituent,

ix) a 5-membered to 14-membered heteroaralkyl group which may have a

substituent,

x) a 5-membered to 14-membered non-aromatic heterocyclic group which may

have a substituent,

xi) -NR<sup>eN6</sup>R<sup>eN7</sup>, wherein R<sup>eN6</sup> and R<sup>eN7</sup>, the same or different, independently

represent a hydrogen atom or a C<sub>1</sub> to C<sub>6</sub> alkyl group which may have a substituent or

xii) a 5-membered to 14-membered non-aromatic heterocyclic group formed by

R<sup>eN3</sup> and R<sup>eN4</sup> together in combination with the carbon atom to which R<sup>eN3</sup> and R<sup>eN4</sup> are bonded,

wherein the 5-membered to 14-membered non-aromatic heterocyclic group may have a

substituent, and

R<sup>eN5</sup> represents

- i) a hydrogen atom,
- ii) a C<sub>1</sub> to C<sub>6</sub> alkyl group which may have a substituent,
- iii) an unsaturated C<sub>2</sub> to C<sub>10</sub> alkyl group which may have a substituent,
- iv) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,
- v) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- vi) a C<sub>7</sub> to C<sub>10</sub> aralkyl group which may have a substituent,
- vii) a C<sub>3</sub> to C<sub>8</sub> cycloalkyl group which may have a substituent,
- viii) a C<sub>4</sub> to C<sub>9</sub> cycloalkylalkyl group which may have a substituent,
- ix) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,
- x) a 5-membered to 14-membered non-aromatic heterocyclic group which may have a substituent or
- xi) a 5-membered to 14-membered non-aromatic heterocyclic group formed by R<sup>eN3</sup> and R<sup>eN5</sup> together in combination with the nitrogen atom to which R<sup>eN3</sup> and R<sup>eN5</sup> are bonded, wherein the 5-membered to 14-membered non-aromatic heterocyclic group may have a substituent,

B)

X<sub>e</sub>, n, R<sup>eN3</sup>, R<sup>eN4</sup> and R<sup>eN5</sup> independently represent the same group as defined above, and R<sup>eN1</sup> and R<sup>eN2</sup> independently represent a 5-membered to 14-membered non-aromatic heterocyclic group formed by R<sup>eN1</sup> and R<sup>eN2</sup> together, wherein the 5-membered to 14-membered non-aromatic heterocyclic group may have a substituent,

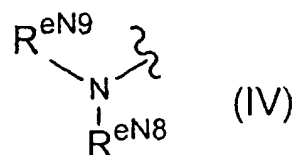
C)

$X_e, n, R^{eN2}, R^{eN4}$  and  $R^{eN5}$  independently represent the same group as defined above, and  $R^{eN1}$  and  $R^{eN3}$  independently represent a 5-membered to 14-membered non-aromatic heterocyclic group formed by  $R^{eN1}$  and  $R^{eN3}$  together, wherein the 5-membered to 14-membered non-aromatic heterocyclic group may have a substituent or

D)

$X_e, n, R^{eN1}, R^{eN4}$  and  $R^{eN5}$  independently represent the same group as defined above, and  $R^{eN2}$  and  $R^{eN3}$  independently represent a 5-membered to 14-membered non-aromatic heterocyclic group formed by  $R^{eN2}$  and  $R^{eN3}$  together, wherein the 5-membered to 14-membered non-aromatic heterocyclic group may have a substituent or

i) a group of the formula (IV):



wherein  $R^{eN8}$  and  $R^{eN9}$ , the same or different, independently represent

- i) a hydrogen atom,
- ii) a  $C_1$  to  $C_6$  alkyl group which may have a substituent,
- iii) a  $C_6$  to  $C_{14}$  aryl group which may have a substituent,
- iv) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- v) a  $C_7$  to  $C_{10}$  aralkyl group which may have a substituent or
- vi) a 5-membered to 14-membered heteroaralkyl group which may have a

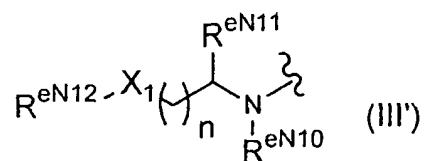
substituent; a pharmacologically acceptable salt thereof, or a hydrate of those.

8. (Original) The compound according to claim 5, wherein  $R^{7e}$  and/or  $R^{21e}$  are independently represented by  $R^{e1}C(=Y^{e1})-O-$ , wherein  $Y^{e1}$  represents an oxygen atom or sulfur atom, and  $R^{e1}$  represents

- 1) a hydrogen atom,
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent,
- 3) a  $C_6$  to  $C_{10}$  aryl group which may have a substituent,
- 4) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- 5) a  $C_7$  to  $C_{10}$  aralkyl group which may have a substituent or
- 6) a 5-membered to 14-membered heteroaralkyl group which may have a

substituent; a pharmacologically acceptable salt thereof, or a hydrate of those.

9. (Original) The compound according to claim 5, wherein  $R^{7e}$  and/or  $R^{21e}$  are independently represented by  $R^{e2}C(=Y^{e2})-O-$ , wherein  $Y^{e2}$  represents an oxygen atom or sulfur atom, and  $R^{e2}$  represents a group of the formula (III'):



wherein A) n represents an integer of 0 to 4,

$X_1$  represents

1)  $-\text{CHR}^{\text{eN13}}-$ ,

2)  $-\text{NR}^{\text{eN14}}-$ ,

3)  $-\text{O}-$ ,

4)  $-\text{S}-$ ,

5)  $-\text{SO}-$  or

6)  $-\text{SO}_2-$ ,

$\text{R}^{\text{eN10}}$  and  $\text{R}^{\text{eN11}}$ , the same or different, independently represent

1) a hydrogen atom or

2) a  $\text{C}_1$  to  $\text{C}_6$  alkyl group which may have a substituent,

$\text{R}^{\text{eN12}}$  and  $\text{R}^{\text{eN13}}$ , the same or different, independently represent

1) a hydrogen atom,

2) a  $\text{C}_1$  to  $\text{C}_6$  alkyl group which may have a substituent,

3) an unsaturated  $\text{C}_2$  to  $\text{C}_{10}$  alkyl group which may have a substituent,

4) a  $\text{C}_6$  to  $\text{C}_{14}$  aryl group which may have a substituent,

5) a 5-membered to 14-membered heteroaryl group which may have a substituent,

6) a  $\text{C}_7$  to  $\text{C}_{10}$  aralkyl group which may have a substituent,

7) a  $\text{C}_3$  to  $\text{C}_8$  cycloalkyl group which may have a substituent,

8) a  $\text{C}_4$  to  $\text{C}_9$  cycloalkylalkyl group which may have a substituent,

9) a 5-membered to 14-membered heteroaralkyl group which may have a

substituent,

10) a 5-membered to 14-membered non-aromatic heterocyclic group which may

have a substituent,

11)  $-NR^{eN15}R^{eN16}$ , wherein  $R^{eN15}$  and  $R^{eN16}$ , the same or different, independently represent a hydrogen atom or a  $C_1$  to  $C_6$  alkyl group which may have a substituent, or

12) a 5-membered to 14-membered non-aromatic heterocyclic group formed by  $R^{eN12}$  and  $R^{eN13}$  together, wherein the 5-membered to 14-membered non-aromatic heterocyclic group may have a substituent, and  $R^{eN14}$  represents

- 1) a hydrogen atom,
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent,
- 3) an unsaturated  $C_2$  to  $C_{10}$  alkyl group which may have a substituent,
- 4) a  $C_6$  to  $C_{14}$  aryl group which may have a substituent,
- 5) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- 6) a  $C_7$  to  $C_{10}$  aralkyl group which may have a substituent,
- 7) a  $C_3$  to  $C_8$  cycloalkyl group which may have a substituent,
- 8) a  $C_4$  to  $C_9$  cycloalkylalkyl group which may have a substituent,
- 9) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,
- 10) a 5-membered to 14-membered non-aromatic heterocyclic group which may have a substituent,
- 11) a 5-membered to 14-membered non-aromatic heterocyclic group formed together by the nitrogen atom to which  $R^{eN14}$  is bonded, and one substituent selected from the group consisting of  $R^{eN10}$ ,  $R^{eN11}$  and  $R^{eN12}$ , wherein the 5-membered to 14-membered non-aromatic heterocyclic group may have a substituent or

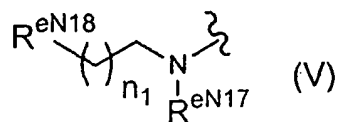
12) a 5-membered to 14-membered non-aromatic heterocyclic group formed together by the nitrogen atom to which  $R^{eN14}$  is bonded, and two substituents selected from the group consisting of  $R^{eN10}$ ,  $R^{eN11}$  and  $R^{eN12}$ , wherein the 5-membered to 14-membered non-aromatic heterocyclic group may have a substituent or

B)

$n$ ,  $X_1$ ,  $R^{eN11}$ ,  $R^{eN13}$  and  $R^{eN14}$  are the same as defined above, and  $R^{eN10}$  and  $R^{eN12}$  together form a 5-membered to 14-membered non-aromatic heterocyclic group, wherein the 5-membered to 14-membered non-aromatic heterocyclic group may have a substituent; a pharmacologically acceptable salt thereof, or a hydrate of those.

10. (Original) The compound according to claim 5, wherein  $X_1$  represents  $-NR^{eN14}-$ , wherein  $NR^{eN14}$  is the same as defined above; a pharmacologically acceptable salt thereof, or a hydrate of those.

11. (Original) The compound according to claim 5, wherein  $R^{7e}$  and/or  $R^{21e}$  independently represent  $R^{e3}C(=Y^{e3})-O-$ , wherein  $Y^{e3}$  represents an oxygen atom or sulfur atom, and  $R^{e3}$  represents a group of the formula (V):



wherein  $n_1$  represents an integer of 0 to 6,

$R^{eN17}$  represents

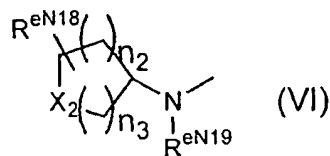
- 1) a hydrogen atom or
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent, and

$R^{eN18}$  represents

- 1) a hydrogen atom,
- 2) an amino group which may have a substituent,
- 3) a pyridyl group which may have a substituent,
- 4) a pyrrolidin-1-yl group which may have a substituent,
- 5) a piperidin-1-yl group which may have a substituent,
- 6) a morpholin-4-yl group which may have a substituent or
- 7) a piperazin-1-yl group which may have a substituent; a pharmacologically

acceptable salt thereof, or a hydrate of those.

12. (Original) The compound according to claim 5, wherein  $R^{7e}$  and/or  $R^{21e}$  independently represent  $R^{e4}CO-O-$ , wherein  $R^{e4}$  represents a group of the formula (VI):



wherein  $n_2$  and  $n_3$ , the same or different, independently represent an integer of 0 to 4,

$X_2$  represents



1)  $-\text{CHR}^{\text{eN21}}-$ ,

2)  $-\text{NR}^{\text{eN22}}-$ ,

3)  $-\text{O}-$ ,

4)  $-\text{S}-$ ,

5)  $-\text{SO}-$  or

6)  $-\text{SO}_2-$ ,

$\text{R}^{\text{eN19}}$  represents

1) a hydrogen atom or

2) a  $\text{C}_1$  to  $\text{C}_6$  alkyl group which may have a substituent,

$\text{R}^{\text{eN20}}$  represents

1) a hydrogen atom,

2) a  $\text{C}_1$  to  $\text{C}_6$  alkyl group which may have a substituent,

3) a  $\text{C}_6$  to  $\text{C}_{14}$  aryl group which may have a substituent or

4) a  $\text{C}_7$  to  $\text{C}_{10}$  aralkyl group which may have a substituent,

$\text{R}^{\text{eN21}}$  represents

1) a hydrogen atom,

2) a  $\text{C}_1$  to  $\text{C}_6$  alkyl group which may have a substituent,

3) an unsaturated  $\text{C}_2$  to  $\text{C}_{10}$  alkyl group which may have a substituent,

4) a  $\text{C}_6$  to  $\text{C}_{14}$  aryl group which may have a substituent,

5) a 5-membered to 14-membered heteroaryl group which may have a substituent,

6) a  $\text{C}_7$  to  $\text{C}_{10}$  aralkyl group which may have a substituent,

7) a  $\text{C}_3$  to  $\text{C}_8$  cycloalkyl group which may have a substituent,

8) a C<sub>4</sub> to C<sub>9</sub> cycloalkylalkyl group which may have a substituent,

9) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,

10) -NR<sup>eN23</sup>R<sup>eN24</sup>, wherein R<sup>eN23</sup> and R<sup>eN24</sup>, the same or different, independently represent a hydrogen atom or a C<sub>1</sub> to C<sub>6</sub> alkyl group which may have a substituent or

11) a 5-membered to 14-membered non-aromatic heterocyclic group which may have a substituent, and

R<sup>eN22</sup> represents

1) a hydrogen atom,

2) a C<sub>1</sub> to C<sub>6</sub> alkyl group which may have a substituent,

3) an unsaturated C<sub>2</sub> to C<sub>10</sub> alkyl group which may have a substituent,

4) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,

5) a 5-membered to 14-membered heteroaryl group which may have a substituent,

6) a C<sub>7</sub> to C<sub>10</sub> aralkyl group which may have a substituent,

7) a C<sub>3</sub> to C<sub>8</sub> cycloalkyl group which may have a substituent,

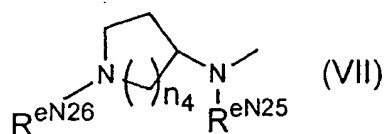
8) a C<sub>4</sub> to C<sub>9</sub> cycloalkylalkyl group which may have a substituent,

9) a 5-membered to 14-membered heteroaralkyl group which may have a substituent or

10) a 5-membered to 14-membered non-aromatic heterocyclic group which may have a substituent; a pharmacologically acceptable salt thereof, or a hydrate of those.

13. (Original) The compound according to claim 5, wherein R<sup>7e</sup> and/or R<sup>21e</sup> independently

represent  $R^{e5}CO-O-$ , wherein  $R^{e5}$  represents a group of the formula (VII):



wherein  $n_4$  represents 1 or 2,

$R^{eN25}$  represents

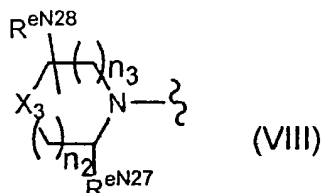
- 1) a hydrogen atom or
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent, and

$R^{eN26}$  represents

- 1) a hydrogen atom or
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent; a pharmacologically

acceptable salt thereof, or a hydrate of those.

14. (Original) The compound according to claim 5, wherein  $R^{7e}$  and/or  $R^{21e}$  independently represent  $R^{e6}CO-O-$ , wherein  $R^{e6}$  represents a group of the formula (VIII):



wherein  $n_2$  and  $n_3$ , the same or different, independently represent an integer of 0 to 4,

$X_3$  represents

1)  $-\text{CHR}^{\text{eN29}}-$ ,

2)  $-\text{NR}^{\text{eN30}}-$ ,

3)  $-\text{O}-$ ,

4)  $-\text{S}-$ ,

5)  $-\text{SO}-$  or

6)  $-\text{SO}_2-$ ,

$\text{R}^{\text{eN27}}$  represents

1) a hydrogen atom or

2) a  $\text{C}_1$  to  $\text{C}_6$  alkyl group which may have a substituent,

$\text{R}^{\text{eN28}}$  represents

1) a hydrogen atom,

2) a  $\text{C}_1$  to  $\text{C}_6$  alkyl group which may have a substituent,

3) a  $\text{C}_6$  to  $\text{C}_{14}$  aryl group which may have a substituent or

4) a  $\text{C}_7$  to  $\text{C}_{10}$  aralkyl group which may have a substituent,

$\text{R}^{\text{eN29}}$  represents

1) a hydrogen atom,

2) a  $\text{C}_1$  to  $\text{C}_6$  alkyl group which may have a substituent,

3) an unsaturated  $\text{C}_2$  to  $\text{C}_{10}$  alkyl group which may have a substituent,

4) a  $\text{C}_1$  to  $\text{C}_6$  alkoxy group which may have a substituent,

5) a  $\text{C}_6$  to  $\text{C}_{14}$  aryl group which may have a substituent,

6) a 5-membered to 14-membered heteroaryl group which may have a substituent,

7) a  $\text{C}_7$  to  $\text{C}_{10}$  aralkyl group which may have a substituent,

8) a C<sub>3</sub> to C<sub>8</sub> cycloalkyl group which may have a substituent,  
9) a C<sub>4</sub> to C<sub>9</sub> cycloalkylalkyl group which may have a substituent,  
10) a 5-membered to 14-membered heteroaralkyl group which may have a substituent,

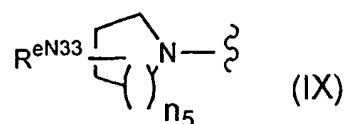
11) -NR<sup>eN31</sup>R<sup>eN32</sup>, wherein R<sup>eN31</sup> and R<sup>eN32</sup>, the same or different, independently represent a hydrogen atom or a C<sub>1</sub> to C<sub>6</sub> alkyl group which may have a substituent, or form a 5-membered to 14-membered non-aromatic heterocyclic group together with the nitrogen atom to which R<sup>eN31</sup> and R<sup>eN32</sup> are bonded or

12) a 5-membered to 14-membered non-aromatic heterocyclic group which may have a substituent, and  
R<sup>eN30</sup> represents

- 1) a hydrogen atom,
- 2) a C<sub>1</sub> to C<sub>6</sub> alkyl group which may have a substituent,
- 3) an unsaturated C<sub>2</sub> to C<sub>10</sub> alkyl group which may have a substituent,
- 4) a C<sub>6</sub> to C<sub>14</sub> aryl group which may have a substituent,
- 5) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- 6) a C<sub>7</sub> to C<sub>10</sub> aralkyl group which may have a substituent,
- 7) a C<sub>3</sub> to C<sub>8</sub> cycloalkyl group which may have a substituent,
- 8) a C<sub>4</sub> to C<sub>9</sub> cycloalkylalkyl group which may have a substituent,
- 9) a 5-membered to 14-membered heteroaralkyl group which may have a substituent or
- 10) a 5-membered to 14-membered non-aromatic heterocyclic group which may

have a substituent; a pharmacologically acceptable salt thereof, or a hydrate of those.

15. (Original) The compound according to claim 5, wherein  $R^{7e}$  and/or  $R^{21e}$  independently represent  $R^{e7}CO-O-$ , wherein  $R^{e7}$  represents a group of the formula (IX):



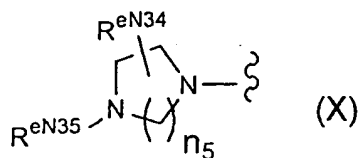
wherein  $n_5$  represents an integer of 1 to 3, and

$R^{eN33}$  represents

- 1) an amino group,
- 2) an amino group which may have a substituent,
- 3) a pyrrolidin-1-yl group which may have a substituent,
- 4) a piperidin-1-yl group which may have a substituent or
- 5) a morpholin-4-yl group which may have a substituent; a pharmacologically

acceptable salt thereof, or a hydrate of those.

16. (Original) The compound according to claim 5, wherein  $R^{7e}$  and/or  $R^{21e}$  independently represent  $R^{e8}CO-O-$ , wherein  $R^{e8}$  represents a group of the formula (X):



wherein  $n_5$  represents an integer of 1 to 3,

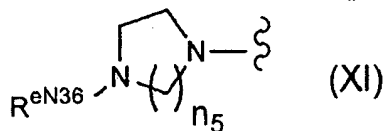
$R^{eN34}$  represents

- 1) a hydrogen atom,
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent,
- 3) a  $C_6$  to  $C_{14}$  aryl group which may have a substituent or
- 4) a  $C_7$  to  $C_{10}$  aralkyl group which may have a substituent, and

$R^{eN35}$  represents

- 1) a hydrogen atom,
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent,
- 3) a  $C_3$  to  $C_8$  cycloalkyl group which may have a substituent,
- 4) a 3-membered to 8-membered non-aromatic heterocyclic group which may have a substituent,
- 5) a  $C_6$  to  $C_{14}$  aryl group which may have a substituent,
- 6) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- 7) a  $C_7$  to  $C_{10}$  aralkyl group which may have a substituent,
- 8) a 5-membered to 14-membered heteroaralkyl group which may have a substituent or
- 9) a  $C_4$  to  $C_9$  cycloalkylalkyl group which may have a substituent; a pharmacologically acceptable salt thereof, or a hydrate of those.

17. (Original) The compound according to claim 5, wherein  $R^{7e}$  and/or  $R^{21e}$  independently represent  $R^{e9}CO-O-$ , wherein  $R^{e9}$  represents a group of the formula (XI):



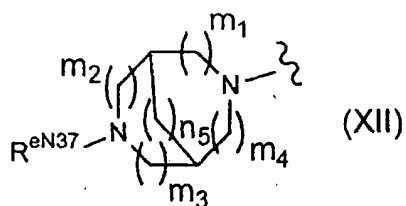
wherein  $n_5$  represents an integer of 1 to 3, and

$R^{eN36}$  represents

- 1) a hydrogen atom,
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent,
- 3) a  $C_3$  to  $C_8$  cycloalkyl group which may have a substituent,
- 4) a  $C_4$  to  $C_9$  cycloalkylalkyl group which may have a substituent,
- 5) a  $C_7$  to  $C_{10}$  aralkyl group which may have a substituent,
- 6) a pyridyl group which may have a substituent or
- 7) a tetrahydropyranyl group which may have a substituent; a pharmacologically

acceptable salt thereof, or a hydrate of those.

18. (Original) The compound according to claim 5, wherein  $R^{7e}$  and/or  $R^{21e}$  independently represent  $R^{e10}CO-O-$ , wherein  $R^{e10}$  represents a group of the formula (XII):





wherein  $m_1$ ,  $m_2$ ,  $m_3$ , and  $m_4$ , the same or different, independently represent 0 or 1,

$n_5$  represents an integer of 1 to 3, and

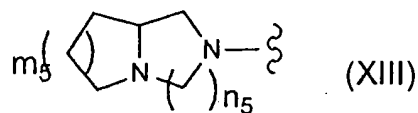
$R^{eN37}$  represents

- 1) a hydrogen atom,
- 2) a  $C_1$  to  $C_6$  alkyl group which may have a substituent,
- 3) an unsaturated  $C_2$  to  $C_{10}$  alkyl group which may have a substituent,
- 4) a  $C_6$  to  $C_{14}$  aryl group which may have a substituent,
- 5) a 5-membered to 14-membered heteroaryl group which may have a substituent,
- 6) a  $C_7$  to  $C_{10}$  aralkyl group which may have a substituent,
- 7) a  $C_3$  to  $C_8$  cycloalkyl group which may have a substituent,
- 8) a  $C_4$  to  $C_9$  cycloalkylalkyl group which may have a substituent,
- 9) a 5-membered to 14-membered heteroaralkyl group which may have a

substituent or

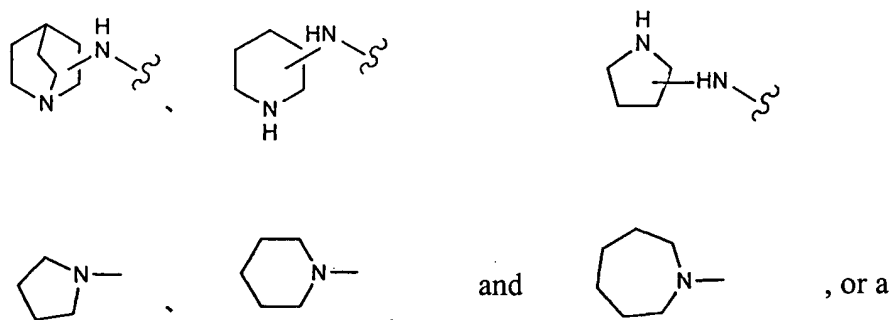
10) a 5-membered to 14-membered non-aromatic heterocyclic group which may have a substituent; a pharmacologically acceptable salt thereof, or a hydrate of those.

19. (Original) The compound according to claim 5, wherein  $R^{7e}$  and/or  $R^{21e}$  independently represent  $R^{e11}CO-O-$ , wherein  $R^{e11}$  represents a group of the formula (XIII):

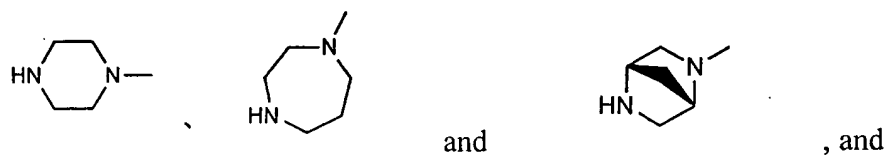


wherein  $m_5$  represents an integer of 1 to 3, and  $n_5$  represents 2 or 3; a pharmacologically acceptable salt thereof, or a hydrate of those.

20. (Original) The compound according to claim 5, wherein  $R^{7e}$  and/or  $R^{21e}$  independently represent  $R^{e12}CO-O-$ , wherein  $R^{e12}$  represents a group selected from a group consisting of:



group selected from a group consisting of

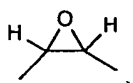


both of which may have a substituent on the ring; a pharmacologically acceptable salt thereof, or a hydrate of those.

21. (Original) The compound according to claim 1, wherein  $R^{16}$  is a hydroxyl group; a pharmacologically acceptable salt thereof, or a hydrate of those.

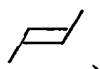
22. (Original) The compound according to claim 1, wherein

[1] W is



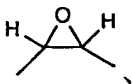
$R^3$  and  $R^{21}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{16}$ ,  $R^{17}$ ,  $R^{20}$  and  $R^{21'}$  are a hydrogen atom,

[2] W is



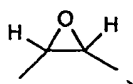
$R^3$  and  $R^{21}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{16}$ ,  $R^{17}$ ,  $R^{20}$  and  $R^{21'}$  are a hydrogen atom,

[3] W is



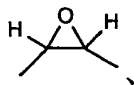
$R^3$ ,  $R^{16}$  and  $R^{21}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{17}$ ,  $R^{20}$  and  $R^{21'}$  are a hydrogen atom,

[4] W is



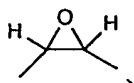
$R^{21}$  and  $R^{21'}$  form an oxo group together with the carbon atom to which  $R^{21}$  and  $R^{21'}$  are bonded,  $R^3$ ,  $R^{16}$  and  $R^{20}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{17}$  is a hydrogen atom,

[5] W is



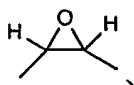
$R^3$ ,  $R^{16}$ ,  $R^{20}$  and  $R^{21}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{17}$  and  $R^{21'}$  are a hydrogen atom,

[6] W is



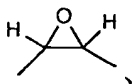
$R^3$ ,  $R^7$ ,  $R^{16}$  and  $R^{21}$  are a hydroxyl group, and  $R^{17}$ ,  $R^{20}$  and  $R^{21'}$  are a hydrogen atom,

[7] W is



$R^3$ ,  $R^{17}$ ,  $R^{16}$  and  $R^{21}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{20}$  and  $R^{21'}$  are a hydrogen atom or

[8] W is



R<sup>21</sup> and R<sup>21'</sup> form an oxo group together with the carbon atom to which R<sup>21</sup> and R<sup>21'</sup> are bonded, R<sup>3</sup> and R<sup>16</sup> are a hydroxyl group, R<sup>7</sup> is an acetoxy group, and R<sup>17</sup> and R<sup>20</sup> are a hydrogen atom; a pharmacologically acceptable salt thereof, or a hydrate of those.

23. (Original) The compound according to claim 1, which is (8E,12E,14E)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-7-((4-methylpiperazin-1-yl)carbonyl)oxy-18,19-epoxytricos-8,12,14-trien-11-olide, (8E,12E,14E)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-7-((4-methylhomopiperazin-1-yl)carbonyl)oxy-18,19-epoxytricos-8,12,14-trien-11-olide,

(8E,12E,14E)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-7-((4-(piperidin-1-yl)piperidin-1-yl)carbonyl)oxy-18,19-epoxytricos-8,12,14-trien-11-olide,

(8E,12E,14E)-7-((4-ethylpiperazin-1-yl)carbonyl)oxy-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-18,19-epoxytricos-8,12,14-trien-11-olide, (8E,12E,14E)-7-(N-(3-(N',N'-dimethylamino)propyl)-N-methylcarbamoyloxy)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-18,19-epoxytricos-8,12,14-trien-11-olide, (8E,12E,14E)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-7-((piperazin-1-yl)carbonyl)oxy-18,19-epoxytricos-8,12,14-trien-11-olide,

(8E,12E,14E)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-7-(N-methyl-N-(1-methylpiperidin-4-yl)carbamoyloxy)-18,19-epoxytricos-8,12,14-trien-11-olide,

(8E,12E,14E)-3,16,21-trihydroxy-7-((4-isopropylhomopiperazin-1-yl)carbonyl)oxy-6,10,12,16,20-pentamethyl-18,19-epoxytricos-8,12,14-trien-11-olide,

(8E,12E,14E)-3,16,21-trihydroxy-7-((4-(4-hydroxypiperidin-1-yl)piperidin-1-yl)carbonyl)oxy-6,10,12,16,20-pentamethyl-18,19-epoxytricos-8,12,14-trien-11-olide,

(8E,12E,14E)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-7-((4-(morpholin-4-yl)piperidin-1-yl)carbonyl)oxy-18,19-epoxytricos-8,12,14-trien-11-olide,

(8E,12E,14E)-7-((4-ethylhomopiperazin-1-yl)carbonyl)oxy-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-18,19-epoxytricos-8,12,14-trien-11-olide, (8E,12E,14E)-3,16,21-trihydroxy-7-((4-isopropylpiperazin-1-yl)carbonyl)oxy-6,10,12,16,20-pentamethyl-18,19-epoxytricos-8,12,14-trien-11-olide, (8E,12E,14E)-3,16,21-trihydroxy-7-(((1S,4S)-5-isopropyl-2,5-diazabicyclo[2.2.1]heptan-2-yl)carbonyl)oxy-6,10,12,16,20-pentamethyl-18,19-epoxytricos-8,12,14-trien-11-olide,

(8E,12E,14E)-7-(N-(2-(N',N'-dimethylamino)ethyl)-N-methylcarbamoyloxy)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-18,19-epoxytricos-8,12,14-trien-11-olide,

(8E,12E,14E)-7-(N-(2-(N',N'-dimethylamino)ethyl)carbamoyloxy)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-18,19-epoxytricos-8,12,14-trien-11-olide or

(8E,12E,14E)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-7-(((1S,4S)-5-methyl-2,5-diazabicyclo[2.2.1]heptan-2-yl)carbonyl)oxy-18,19-epoxytricos-8,12,14-trien-11-olide.

24. (Original) The compound according to claim 1, which is (8E,12E,14E)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-7-(N-methyl-N-(1-methylpiperidin-4-yl)carbamoyloxy)-18,19-epoxytricos-8,12,14-trien-11-olide,

(8E,12E,14E)-3,16,21-trihydroxy-7-((4-isopropylhomopiperazin-1-yl)carbonyl)oxy-6,10,12,16,20-pentamethyl-18,19-epoxytricos-8,12,14-trien-11-olide, (8E,12E,14E)-7-((4-ethylhomopiperazin-1-yl)carbonyl)oxy-3,16,21-trihydroxy-6,10,12,16,20-

pentamethyl-18,19-epoxytricos-8,12,14-trien-11-olide, (8E,12E,14E)-3,16,21-trihydroxy-7-((4-isopropylpiperazin-1-yl)carbonyl)oxy-6,10,12,16,20-pentamethyl-18,19-epoxytricos-8,12,14-trien-11-olide or (8E,12E,14E)-3,16,21-trihydroxy-6,10,12,16,20-pentamethyl-7-(((1S,4S)-5-methyl-2,5-diazabicyclo[2.2.1]heptan-2-yl)carbonyl)oxy-18,19-epoxytricos-8,12,14-trien-11-olide.

25. (Currently Amended) A medicine comprising the compound according to ~~any one of claims 1 to 24~~ claim 1, a pharmacologically acceptable salt thereof, or a hydrate of those as an active ingredient.

26. (Currently Amended) A pharmaceutical composition comprising the compound according to ~~any one of claims 1 to 24~~ claim 1, a pharmacologically acceptable salt thereof, or a hydrate of those as an active ingredient.

27. (Original) The medicine according to claim 25 as an agent for preventing or treating a disease for which gene expression control is effective.

28. (Original) The medicine according to claim 25 as an agent for preventing or treating a disease for which suppression of VEGF production is effective.

29. (Original) The medicine according to claim 25 as an agent for preventing or treating a disease for which an antiangiogenic effect is effective.

30. (Original) The medicine according to claim 25 as an angiogenesis inhibitor.

31. (Original) The medicine according to claim 25 as an antitumor agent.

32. (Original) The medicine according to claim 25 as a therapeutic agent for treating hemangioma.

33. (Original) The medicine according to claim 25 as a cancer metastasis inhibitor.

34. (Original) The medicine according to claim 25 as a therapeutic agent for treating retinal neovascularization or diabetic retinopathy.

35. (Original) The medicine according to claim 25 as a therapeutic agent for treating inflammatory disease.

36. (Original) The medicine according to claim 25 as a therapeutic agent for inflammatory diseases consisting of deformatant arthritis, rheumatoid arthritis, psoriasis, and delayed hypersensitive reaction.

37. (Original) The medicine according to claim 25 as a therapeutic agent for treating atherosclerosis.



38. (Original) The medicine according to claim 25 as a therapeutic agent for treating a solid cancer.

39. (Original) The medicine according to claim 38, wherein the solid tumor is lung cancer, brain tumor, breast cancer, prostate cancer, ovarian cancer, colon cancer or melanoma.

40. (Original) The medicine according to claim 25 as a therapeutic agent for treating leukemia.

41. (Original) The medicine according to claim 25 as an antitumor agent based on gene expression control.

42. (Original) The medicine according to claim 25 as an antitumor agent based on suppression of VEGF production.

43. (Original) The medicine according to claim 25 as an antitumor agent based on an effect of angiogenesis inhibition.

44. (Original) A method for preventing or treating a disease for which gene expression control is effective, comprising administering a pharmacologically effective dose of the medicine according to claim 25 to a patient.

45. (Original) A method for preventing or treating a disease for which suppression of VEGF production is effective, comprising administering a pharmacologically effective dose of the medicine according to claim 25 to a patient.

46. (Original) A method for preventing or treating a disease for which angiogenesis inhibition is effective, comprising administering a pharmacologically effective dose of the medicine according to claim 25 to a patient.

47. (Currently Amended) Use of the compound according to ~~any one of claims 1 to 24~~ claim 1, a pharmacologically acceptable salt thereof or a hydrate of those, for manufacturing an agent for preventing or treating a disease for which gene expression control is effective.

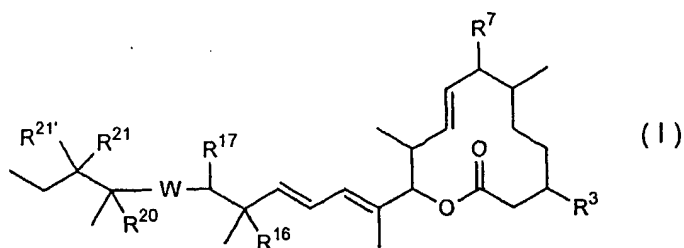
48. (Currently Amended) Use of the compound according to ~~any one of claims 1 to 24~~ claim 1, a pharmacologically acceptable salt thereof or a hydrate of those, for manufacturing an agent for preventing or treating a disease for which suppression of VEGF production is effective.

49. (Currently Amended) Use of the compound according to ~~any of claims 1 to 24~~ claim 1, a pharmacologically acceptable salt thereof or a hydrate of those, for manufacturing an agent for preventing or treating a disease for which angiogenesis inhibition is effective.

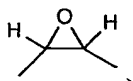
50. (Currently Amended) Use of the compound according to ~~any one of claims 1 to 24~~ claim 1, a pharmacologically acceptable salt thereof or a hydrate of those, for manufacturing an agent for

preventing or treating a solid cancer.

51. (Original) A method for producing a 6-deoxy 11107 compound, characterized in that the method comprises culturing a microorganism belonging to the genus *Streptomyces*, which is capable of producing a compound of the formula (I):



wherein [1] W is



$R^3$  and  $R^{21}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{16}$ ,  $R^{17}$ ,  $R^{20}$  and  $R^{21'}$  are a hydrogen atom or

[2] W is



$R^3$  and  $R^{21}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{16}$ ,  $R^{17}$ ,  $R^{20}$  and  $R^{21'}$  are a

52. (Original) *Streptomyces* sp. strain A-1543 (FERM BP-8442) that is capable of producing the 6-deoxy 11107 compound according to claim 51.

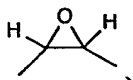
C[C@H](C)[C@@H](R^{20})[C@]^{R^{21}}(R^{21'})CC(C)C=C[C@H](R^{16})C(R^{17})W

(I)

C1OC1

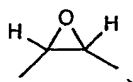
51

[3] W is



$R^3$ ,  $R^{16}$  and  $R^{21}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{17}$ ,  $R^{20}$  and  $R^{21'}$  are a hydrogen atom,

[4] W is



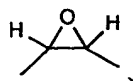
$R^{21}$  and  $R^{21'}$  form an oxo group together with the carbon atom to which  $R^{21}$  and  $R^{21'}$  are bonded,  $R^3$ ,  $R^{16}$  and  $R^{20}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{17}$  is a hydrogen atom,

[5] W is



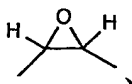
$R^3$ ,  $R^{16}$ ,  $R^{20}$  and  $R^{21}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{17}$  and  $R^{21'}$  are a hydrogen atom,

[6] W is



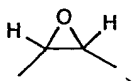
$R^3$ ,  $R^7$ ,  $R^{16}$  and  $R^{21}$  are a hydroxyl group, and  $R^{17}$ ,  $R^{20}$  and  $R^{21'}$  are a hydrogen atom,

[7] W is



$R^3$ ,  $R^{17}$ ,  $R^{16}$  and  $R^{21}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{20}$  and  $R^{21'}$  are a hydrogen atom or

[8] W is



$R^{21}$  and  $R^{21'}$  form an oxo group together with the carbon atom to which  $R^{21}$  and  $R^{21'}$  are bonded,  $R^3$  and  $R^{16}$  are a hydroxyl group,  $R^7$  is an acetoxy group, and  $R^{17}$  and  $R^{20}$  are a hydrogen atom (these compounds are hereinafter referred to as “6-deoxy compounds”), comprising

- 1) a step that can conduct the biological conversion, the step of incubating 6-deoxy 11107B in the presence of a culture solution of a strain selected from microorganisms belonging to bacteria or a product prepared from culture cells of the strain, and
- 2) collecting a 6-deoxy compound from the incubated solution.

54. (Original) The method according to claim 53, wherein the microorganism belonging to bacteria is strain A-1544 (FERM BP-8446) or strain A-1545 (FERM BP-8447).

Application No.: Not Yet Assigned

Docket No.: 0152-0702PUS1

55. (Original) Strain A-1544 (FERM BP-8446) or strain A-1545 (FERM BP-8447) which is capable of converting 6-deoxy 11107B into a 6-deoxy compound.